

Exhibit L

May 11, 1948.

T. J. HOPKINS

2,441,417

RACK FOR MILK BOTTLES

Filed April 9, 1946

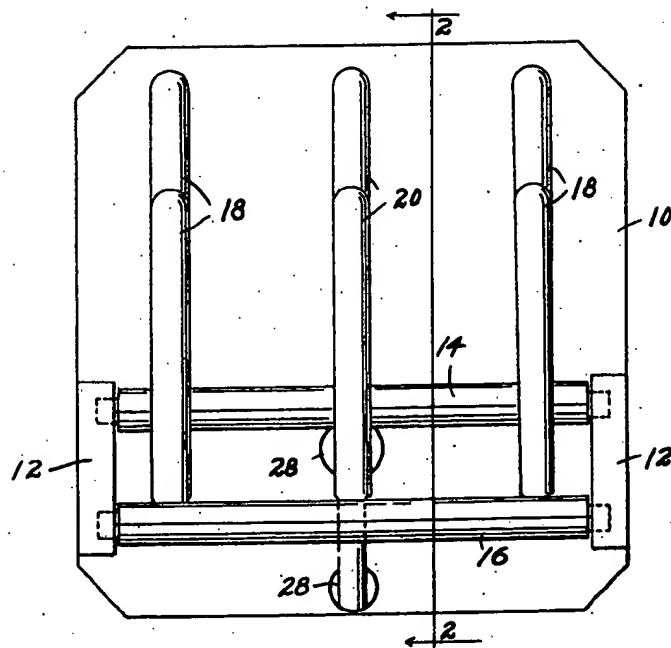


Fig. 1

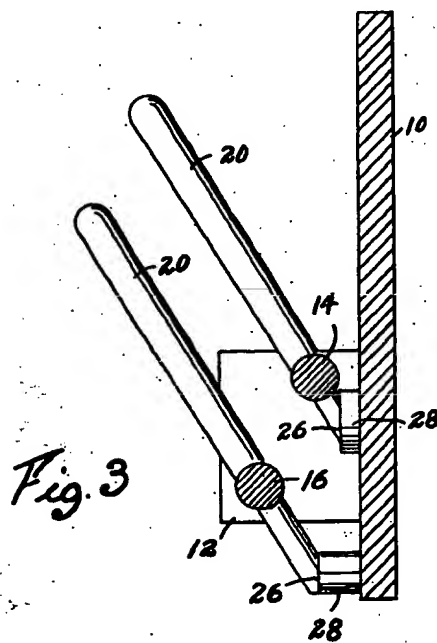


Fig. 3

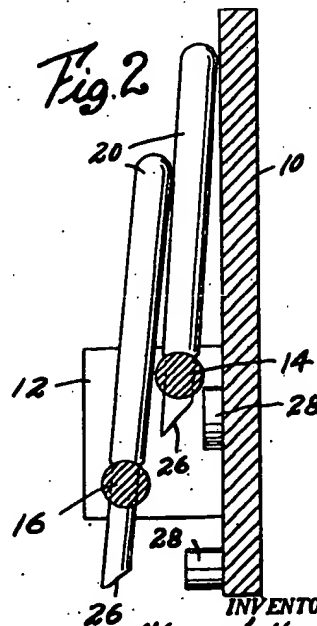


Fig. 2

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UNITED STATES PATENT OFFICE

2,441,417

RACK FOR MILK BOTTLES

Thomas J. Hopkins, Fitchburg, Mass.

Application April 9, 1946, Serial No. 660,756

1 Claim. (Cl. 211-100)

1 This invention relates to new and improved racks for milk bottles and the principal object of the invention is the provision of a flat support for a series of bottle-holding pins pivotally mounted thereon for extension to operative position and retraction to an out of the way position when not in use, said support being attachable to a wall or the like at any desired height from the floor for holding bottles on the pins, whereby the bottles are not loosely positioned on the floor in the way of persons desiring to use the floor but are neatly held there above so as to avoid the usual hall and porch obstructions caused by milk bottles waiting to be picked up by the delivery man.

Other objects and advantages of the invention will appear hereinafter.

Reference is to be had to the accompanying drawings, in which

Fig. 1 is a view in front elevation;

Fig. 2 is a section on line 2-2 of Fig. 1; and

Fig. 3 is a view similar to Fig. 2 but showing the pins extended.

A flat plate or board 10 is provided for flat-wise securement to a wall or the like whether outside or inside the dwelling. A pair of ears 12 are secured to the plate at opposite edges thereof and these ears journal a pair of rods 14 and 16. Rod 14 is located higher than rod 16 and closer to support 18 for a purpose to be described.

Each rod is transversely drilled at a plurality of points for the reception of pins 18 and 20, the latter being substantially central, and the pins being rotatably mounted on the ears by the rods. Pins 20 pass completely through the rods as shown at 22 and 24 and terminate in inclined ends 26. Stops 28 are provided for abutment by the pins at the inclined ends 26 to position the rods and pins in convenient bottle receiving position, see Fig. 3.

Rod 14 being closer to support 18 than rod 16, the pins on rod 14 rest on the support in retracted position, see Fig. 2, and the pins on rod 16

2 rest on the other pins. In any case, the pins are all in out of the way position, but are instantly available for use merely by swinging them out to Fig. 3 position, whereupon the empty milk or cream bottles may be slipped over the ends for convenient out of the way storage.

This invention will be seen to provide a simple, inexpensive, but very convenient rack for empty bottles, and provides means to avoid the usual litter of such bottles in halls and on porches where they cause a hazard and are in the way of persons using the premises.

15 Having thus described my invention and the advantages thereof, I do not wish to be limited to the details herein disclosed, otherwise than as set forth in the claim, but what I claim is:

20 Rack for storage of empty bottles comprising a flat support for attachment in vertical position on a wall or the like, a pair of spaced ears on the support, a pair of vertically spaced rods journaled in the ears at different distances from the support, the upper rod being closer to the support, pins radially arranged on the rods, one pin of each rod extending therethrough and projecting therebeyond, the projecting pin through the upper rod being shorter than the projecting pin through the lower rod, a pair of stops on the support for engagement by said projections to hold the pins at a predetermined angle to the support.

THOMAS J. HOPKINS.

REFERENCES CITED

25 The following references are of record in the file of this patent:

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